

USPTO Form 1449

INFORMATION DISCLOSURE CITATION

Sheet 1 of 2

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. **10498-00059** Serial No. **10/712,785**

Applicants: **Donald M. Coen and Beatrice D. Pilger**

Filing Date: **November 13, 2003** Group: **2812**

U.S. PATENT DOCUMENTS							
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
CB	AA	5,223,391	06/29/93	Coen et al.	435	5	02/21/90

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
CB	AB	WO 00/68185	11/16/00	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
CB	AC	Bridges et al., "Secondary structure and structure-activity relationships of peptides corresponding to the subunit interface of herpes simplex virus DNA polymerase," <i>J. Biol. Chem.</i> , 275(1):472-478 (2000)
CB	AD	Bridges et al., "Identification of crucial hydrogen-bonding residues for the interaction of herpes simplex virus DNA polymerase subunits via peptide display, mutational, and calorimetric approaches," <i>J. Virol.</i> , 75(11):4990-4998 (2001)
CB	AE	Chow and Coen, "Mutations that specifically impair the DNA binding activity of the herpes simplex virus protein UL42," <i>J. Virol.</i> , 69(11):6965-6971 (1995)
CB	AF	Coen et al., "Sensitivity of arabinosyladenine-resistant mutants of herpes simplex virus to other antiviral drugs and mapping of drug hypersensitivity mutations to the DNA polymerase locus," <i>J. Virol.</i> , 53(2):477-488 (1985)
CB	AG	Degterev et al., "Identification of small-molecule inhibitors of interaction between the BH3 domain and Bcl-xL," <i>Natl. Cell Biol.</i> , 3(2):173-182 (2001)
CB	AH	Digard and Coen "A novel functional domain of an alpha-like DNA polymerase. The binding site on the herpes simplex virus polymerase for the viral UL42 protein," <i>J. Biol. Chem.</i> , 265(29):17393-17396 (1990)
CB	AI	Digard et al., "Functional analysis of herpes simplex virus UL42 protein," <i>J. Virol.</i> , 67:1159-1168 (1993)
CB	AJ	Digard et al., "The extreme C terminus of herpes simplex virus DNA polymerase is crucial for functional interaction with processivity factor UL42 and for viral replication," <i>J. Virol.</i> , 67(1):398-406 (1993)
CB	AK	Digard et al., "Specific inhibition of herpes simplex virus DNA polymerase by helical peptides corresponding to the subunit interface," <i>Proc. National. Acad. Sci. USA.</i> , 92:1456-1460 (1995)
CB	AL	Digard et al., "Mutational analysis of DNA polymerase substrate recognition and subunit interactions using herpes simplex virus as prototype," <i>Methods Enzymol.</i> , 262:303-322 (1995)
CB	AM	Gottlieb et al., "The Herpes Simplex Virus Type 1 UL42 Gene Product; a Subunit of DNA Polymerase that Functions to Increase Processivity" <i>J. Virol.</i> , 64(12):5976-5987 (1990)

EXAMINER Chunhui Ruff

DATE CONSIDERED 10/24/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. **Copies of references not provided at the time of this submission.

USPTO Form 1449		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 10498-00059		Serial No. 10/712,785	
<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center; margin-right: 10px;"> OIP INFORMATION DISCLOSURE CITATION Sheet 2 of 2 OCT 27 2004 TRADEMARK OFFICE </div> <div> </div> </div>				Applicants: Donald M. Coen and Beatrice D. Pilger			
				Filing Date: November 13, 2003		Group: 2812	
U.S. PATENT DOCUMENTS							
Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
BA							
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
BB							
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
CB	BC	Gottlieb and Challberg, "Interaction of herpes simplex virus type 1 DNA polymerase and the UL42 accessory protein with a model primer template," <i>J. Virol.</i> , 68(8):4937-4945 (1994)					
CB	BD	Hamatake et al., "The herpes simplex virus type 1 DNA polymerase accessory protein, UL42, contains a functional protease-resistant domain," <i>J. Gen. Virol.</i> , 74 (Pt 10):2181-2189 (1993)					
CB	BE	Loregian et al., "Intranuclear delivery of an antiviral peptide mediated by the B subunit of <i>Escherichia coli</i> heat-labile enterotoxin," <i>Proc. Natl. Acad. Sci. USA.</i> , 96:5221-5226 (1999)					
CB	BF	Marsden et al., "Role of the carboxy terminus of herpes simplex virus type 1 DNA polymerase in its interaction with UL42," <i>J. Gen. Virol.</i> , 75:3127-3135 (1994)					
CB	BG	Pritchard and Stefano, "Amplified detection of viral nucleic acid at subattomole levels using Q beta replicase," <i>Ann. Biol. Clin.</i> , (Paris) 48(7):492-497 (1990)					
CB	BH	Stow et al., "Inhibition of herpes simplex virus type 1 DNA replication by mutant forms of the origin-binding protein," <i>Virology</i> , 196:413-418 (1993)					
CB	BI	Tenney et al., "Deletions of the carboxy terminus of herpes simplex virus type 1 UL42 define a conserved amino-terminal functional domain," <i>J. Virol.</i> , 67(4):1959-1966 (1993)					
CB	BJ	Tenney et al., "Mutations in the C terminus of herpes simplex virus type 1 DNA polymerase can affect bonding and stimulation by its accessory protein UL42 without affecting basal polymerase activity," <i>J. Virol.</i> , 67(1):543-547 (1993)					
CB	BK	Weissbart et al., "Structural and functional organization of herpes simplex virus DNA polymerase investigated by limited proteolysis," <i>J. Biol. Chem.</i> , 269(36):22788-22796 (1994)					
CB	BL	Weissbart et al., "Herpes simplex virus processivity factor UL42 imparts increased DNA-binding specificity to the viral DNA polymerase and decreased dissociation from primer-template without reducing the elongation rate." <i>J. Virol.</i> , 73(1):55-66 (1999)					
CB	BM	Zuccola et al., "The crystal structure of an unusual processivity factor, herpes simplex virus UL42, bound to the C terminus of its cognate polymerase," <i>Mol. Cell.</i> , 5:267-278 (2000)					
EXAMINER <i>Chun-Hua Ball</i>				DATE CONSIDERED <i>10/24/05</i>			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. **Copies of references not provided at the time of this submission.</small>							